

SUSTAINABILITY GOAL #6

Further integrate sustainability principles into the Fort Carson land use planning, Real Property Master Planning and Military Construction, Army (MCA) programming processes.



Master planning efforts on Fort Carson increasingly include the well-being aspect of sustainable design, an example of which is the pondless waterfall built near the Warrior Transition Unit Campus.

Where the goal fits in the Fort Carson Strategic Action Plan

- Goal #1 Promote mutual respect, professional development, personal growth and teamwork, while celebrating success.
- Goal #2 Provide the services and support that contribute to mission readiness.
- Goal #3 Positively contribute to the spiritual, physical, psychological, and emotional well-being of the Mountain Post Community and create opportunities to enhance understanding of Fort Carson for our local neighbors.
- Goal #4 Provide vibrant, healthy, safe and environmentally-friendly places and spaces and Hometown services for the Mountain Post.
- Goal #5 Transform Fort Carson people, processes, products, places and profits – to show by our actions what sustainability and environmental management is, and its critical role in meeting the mission in all its dimensions by 2027.

MASTER PLANNING

One of the major Master Planning projects initiated this year was the proposed site layout for a facility complex to support the 47th Brigade Combat Team (BCT), a unit incoming to Fort Carson under the Grow The Army (GTA) initiative. The proposed 47th BCT's complex is envisioned as a contiguous, pedestrian-friendly area.

Area development plans (ADPs) were completed for three major areas on Fort Carson: Main Gate, the Ball field Complex Area and Gate 20 at I-25 and Hwy 16. The ADP efforts looked at maximizing use of land through increasing density of building space, diversifying types of buildings proposed and building multistory structures. Connectivity between the different functional facilities was stressed to encourage increased walking and bicycle use.

FUTURE GOAL 6 INITIATIVES:

- Complete an area (re)development plan (ADP) covering the "Banana Belt" region of the Installation. The ADP will detail an aggressive plan to renovate, expand or replace numerous existing buildings located within the area bounded on the north by O'Connell Boulevard, on the east and west by Barkeley and Magrath Avenues and on the south by Womack Street over a 10-15-year time frame. Types of facilities to be addressed include: motorpools, unit operations and administrative facilities, dining facilities, Soldier support facilities and possibly barracks. The intent of the plan will be to maximize use of available land, thus increasing the overall sustainability of the area, while at the same time providing end facilities which meet the layouts and sizes authorized for and needed by the Soldiers and their units. In doing so, many of the current single story buildings will be replaced by two, three or more story facilities.
- Development of dining facility ADPs convenient to Soldiers. New dining facilities will be double the size of older facilities.



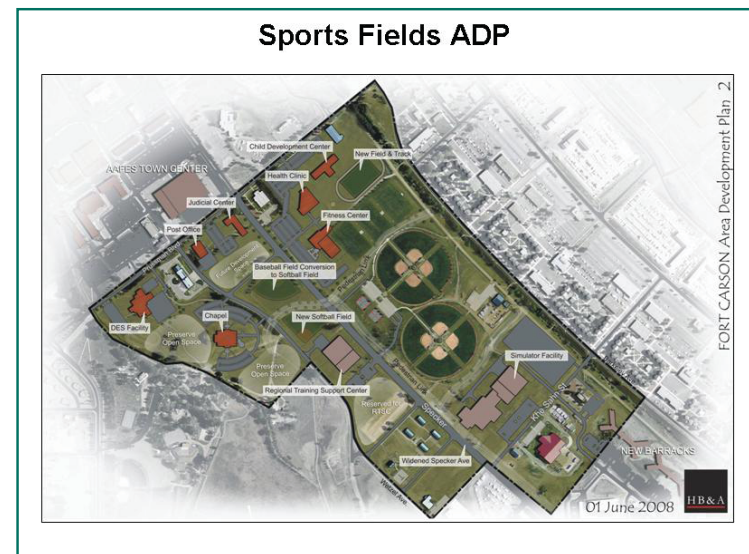
Innovative construction designs are being used to help offset the impacts of stormwater such as bio retention ponds developed near the new 4th Infantry Division Command and Control facility. Placed in traditional parking islands, the bioretention ponds are below grade basins that retain rainwater and snowmelt in parking areas. The ponds help clean water by filtering it through native vegetation and allow it to evaporate and seep back into the ground instead of being channeled into exterior stormwater channels. These concepts reduce stormwater quantity and improve its overall quality.



FORT CARSON, COLORADO

For more information log on to
<http://sems.carson.army.mil>

Sports Fields ADP



The Sports Fields ADP co-locates a number of services and activities in one area for increased convenience of Soldiers and families and to reduce traffic congestion by encouraging walking and alternative transportation.

OPPORTUNITIES:

- Developing sustainably given force protection, growth demands, funding policies and unique Army requirements.
- Prioritizing the competing requirements for sites of all facilities being planned to support Soldiers, their families and units assigned to Fort Carson, including additional housing and the vast array of different types of support facilities.
- Siting the much larger facilities now authorized, when compared to the much smaller facilities of similar use that were authorized and constructed in the past, i.e., company/battalion/brigade headquarters, physical fitness facilities, child development centers, etc.